Depth 6	Contents 7	Reference to last Measurement 8
	1840.10 Cu.m	
@	400.00/Cu.m	736040=00
Total		1039862=00

Satisfactorily.

10399—
41594—
57192—
10399—
1040—
17759—
500—
138883=00

18/12/13

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

First and Final Bill

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. BR-340/31/12/13

127051

Name of work Improvements to Roads and drains at Mariyappanapalya in WNO. (6)

Name of Contractor of nature of Agency M. S. Nataraj

Date of commencement of work

E.E Check Measurement

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code No: 006-12-000057						
	Work order No: 364/12-13/28.02.13						
	Est Amt: Rs. 5.00 Lakhs.						
	Date of Recording: 3-12-2013						
1)	Construction of embankment with approved material Gravel/murrum with all lifts and leads transportation to site spreading Grading to required slope and compacting to meet requirement table to complete.						
	Road 1	1	30.00	$\frac{(4.0+4.1)}{2}$	0.20	24.30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{(4.1+4.2)}{2}$	0.20	24.90	
		1	30.00	4.20	0.20	25.20	
		1	20.00	$\frac{(4.2+4.0)}{2}$	0.20	16.40	
	Road 2	1	30.00	$\frac{(5.2+5.3)}{2}$	0.20	31.50	
		1	30.00	$\frac{(5.3+5.1)}{2}$	0.20	31.20	
		1	30.00	$\frac{(5.1+5.0)}{2}$	0.20	30.30	
		1	18.00	5.00	0.20	18.00	
						201.40 cum	
					@	154.19/cum	31054=00

e/FC
Assistant Engineer
Bhatarahalli Sub Division
B.B.M.P. Bangalore
3/12/13

3/12/13

M.

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency ..
Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Measurement co	
	2) providing, laying spreadi mix macadam specification in mechanical mix plant	
	Road 1	

Depth 6	Contents 7	Reference to last Measurement 8
0.20	24.90	
0.20	25.20	
0.20	16.40	
0.20	31.50	
0.20	31.20	
0.20	30.30	
0.20	18.00	
	201.40 cum	
@	154.19/cum	31054=00

3/12/13

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

127052

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Measurement continued on:			12-	12-2013		
2)	providing, laying spreading and compacting crushed stones aggregates to wet mix macadam specifications including premixing the materials with water at OMC in mechanical mix plant carriage & manual method & tipper to site etc complete.						
	Road:	1	30.00	(4.0+4.1)/2	0.15	18.23	
		1	30.00	(4.1+4.2)/2	0.15	18.68	
		1	30.00	4.20	0.15	18.90	
		1	20.00	(4.2+4.0)/2	0.15	12.30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Road 2	1	30.00	(5.2+5.3)/2	0.15	23.63	
		1	30.00	(5.3+5.1)/2	0.15	23.40	
		1	30.00	(5.1+5.0)/2	0.15	22.73	
		1	18.00	5.00	0.15	13.50	
						151.05 cum	
					@	1113.38/cum	168176=00
	Measurement continued on: 20-12-2013						
3)	providing and applying primer coat from 7.5 to 9.8 and 9.8 to 12.2 kgs per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of Granular base with cut back MC-70 or any other bituminous mixed as complete						
	Road 1	1	30.00	(4.0+4.1)/2	-	121.50	
		1	30.00	(4.1+4.2)/2	-	126.50	

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

12/12/13

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ.ಬ.ಮಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency .
Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Road 2	

Depth 6	Contents 7	Reference to last Measurement 8
0.15	23.63	
0.15	23.40	
0.15	22.73	
0.15	13.50	
	151.05 cum	
@	1113.38/cum	168176=00

20-12-2013

9.8 and 9.8 to 12.2 Kgs per 10 sqm
respectively over prepared surface of
ther bituminous mixed in complete
) - 121.50
) - 124.50

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

127053

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	4.20	-	126.00	
		1	20.00	(4.2+4.0)/2	-	82.00	
	Road 2	1	30.00	(5.2+5.3)/2	-	157.50	
		1	30.00	(5.3+5.1)/2	-	156.00	
		1	30.00	(5.1+5.0)/2	-	151.50	
		1	18.00	5.00	-	90.00	
						1007.00 sqm	
					@	87.49/sqm	88102=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder 4.5 to 5% etc						
	Road 1	1	30.00	(4.0 + 4.1) / 2	0.025	3.04	
		1	30.00	(4.1 + 4.2) / 2	0.025	3.11	
		1	30.00	4.20	0.025	3.15	
		1	20.00	(4.2 + 4.0) / 2	0.025	2.05	
	Road 2	1	30.00	(5.2 + 5.3) / 2	0.025	3.94	
		1	30.00	(5.3 + 5.1) / 2	0.025	3.90	
		1	30.00	(5.1 + 5.0) / 2	0.025	3.79	
		1	18.00	5.00	0.025	2.25	
						25.18 cum	
						@ 9324.66/cum	234795=00

C/FC

C/FC
20/12/2013

C/Fc
Assistant Executive Engineer,
Vijayarayanapura Sub Division
B.B.M.P. Bangalore
20/12/13

M.

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency ...

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	certificate:	
	certified that	

Depth 6	Contents 7	Reference to last Measurement 8
concrete 25mm thick with 100-120		
put of 75 tonnes per hour using		
with bituminous binder 4.5 to 5%. cu		
0.025	3.04	
0.025	3.11	
0.025	3.15	
0.025	2.05	
0.025	3.94	
0.025	3.90	
0.025	3.79	
0.025	2.25	
	25.18 cu	
@	9324.66/cu	234795=00

C&RFC

20/12/2023

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

127054

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

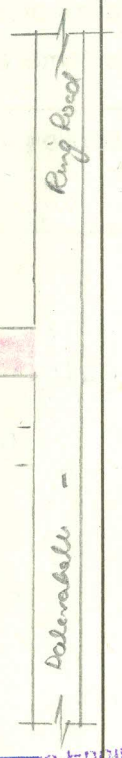
Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
				Total			5,22,127=00
	certificate:						
	certified that the work done is satisfactorily.						

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

...oad & Drain at Mariyannapalya

K

Depth 6	Contents 7	Reference to last Measurement 8
Spot:		



Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

20/12/13

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

127055

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
					IT — 5221		
					VAT — 20883		
					Fsp — 26104		
					Lic — 5221		
					Corp — 522		
					Roy — 10121		
					Ren — 500		
					82572=00		
	522080=00						
	82572=00						
	453508=00						
	Krishnappa S/C				23/3		